



# Acrobat Catalog Control Interface Specification

*Adobe Developer Support*

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Technical Note #5157

08 December 1994

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# Acrobat Catalog Control Interface Specification

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## 1 Introduction

This document describes the Acrobat™ Catalog™ program's control interface, present in version 2 of the Acrobat Catalog program for the Microsoft® Windows™ environment. This interface allows other applications to programmatically control the Catalog program.

## 2 Microsoft Windows

### 2.1 Windows messages

The Windows version of the Catalog program supports Windows messages to:

- Query the Catalog program to see if it is busy or idle.
- Notify an application when a build has completed successfully, stopped, or failed.

The Windows messages that can be sent to and received from the Catalog program are listed in Table 1 and Table 2.

**Table 1** *Windows messages that can be sent to the Catalog program*

<i>Message</i>	<i>Description</i>
AcrobatCatalogQueryHello	Can be sent to the Catalog program to check its status. The AcrobatCatalogResponseHello message or the AcrobatCatalogHelloImBusyResponse message will be sent by the Catalog program in response.

**Table 2** *Windows messages sent from the Catalog program*

<i>Message</i>	<i>Description</i>
AcrobatCatalogResponseHello	Sent in response to an AcrobatCatalogQueryHello message if the Catalog program is running and idle.
AcrobatCatalogHelloImBusyResponse	Sent in response to an AcrobatCatalogQueryHello message if the Catalog program is running and busy.
AcrobatCatalogBuildSuccess	Sent when a build has completed successfully.
AcrobatCatalogBuildStopped	Sent when a build has stopped.
AcrobatCatalogBuildFail	Sent when a build has failed.

To query the Catalog program to check its status, for example, send an AcrobatCatalogQueryHello message to the Acrobat Catalog top-level window:

```
UINT uAcrobatCatalogQueryHello;
HWND hCatalogWnd;

hCatalogWnd = FindWindow("Acrobat Catalog", NULL);
uAcrobatCatalogQueryHello =
    RegisterWindowMessage("AcrobatCatalogQueryHello");
SendMessage(hCatalogWnd, uAcrobatCatalogQueryHello, 0, 0L);
```

The Catalog program will broadcast an AcrobatCatalogResponseHello message or AcrobatCatalogHelloImBusyResponse message in response.

The Catalog program broadcasts an AcrobatCatalogBuildSuccess, AcrobatCatalogBuildStopped, or AcrobatCatalogBuildFail message to all top-level windows when it has completed building an index successfully, stopped, or failed.

## **2.2 DDE support**

Applications can send DDE messages to the Catalog program to:

- Open an index file definition (.PDX) file.
- Build an index using an index file definition file.
- Quit the Catalog program.

For all DDE message listed in this document, the service name is Acrocat, and the topic name is control.

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**AppExit**

[AppExit()]	
<b>Description</b>	Exits the Acrobat Catalog program.
<b>Parameters</b>	None
<b>Return Value</b>	true if the Catalog program exited successfully, false otherwise. If a build has been stopped, the AcrobatCatalogBuildStopped Windows message is broadcast to all top-level windows.

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**FileBuild**

[FileBuild(char* fullPath)]	
<b>Description</b>	Builds an index based on the specified index definition file
<b>Parameters</b>	fullPath                      The full pathname of the file to open.
<b>Return Value</b>	true if the file opened successfully, false otherwise.

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**FileOpen**

[FileOpen(char* fullPath)]	
<b>Description</b>	Opens an index definition file and displays the Edit Index Definition dialog box.
<b>Parameters</b>	fullPath                      The full pathname of the file to open.
<b>Return Value</b>	true if the file opened successfully, false otherwise.

**2.3 Command line options**

The Catalog program supports options passed as arguments on the command line. The command line is accessed from the Run command in the Windows File Manager or from another Windows program using the WinExec() Windows API function.

To open an index definition file and display the Edit Index Definition dialog box:

acrocat indexfilename

To build an index based on a specified index definition file:

acrocat /b indexfilename

